ONTGOMERY COUNTY FIRE AND RESCUE SERVICE
DRIVER/OPERATOR TRAINING PROGRAM

INCUMBANT AERIAL DRIVER PERFORMANCE CHECK-OUT

Driver Name: _____ID#_____ Date: _____

Station/Shift/Dept: **_____ OIC: _____**

Unit #: AERIAL TOWER 23 Make: PIERCE Year: 2005 S/N:

Date Completed

_____ 1. Complete Pierce factory orientation in person or Video Tape.
_____ 2. Identify all instrument panel components.
_____ 3. Identify and explain the function/operation of in cab controls.
  a. Differential Lock
  b. Inter Axle Differential Lock
  c. Front wheel lock
  d. Off Road Traction Control
  e. PTO Controls, Aerial Master
_____ 4. Identify and explain the function/operation of Command Zone Screen
  a. Data Screen
  b. Alarms Screen
  c. Menu Screen
  d. Display Screen
_____ 5. Identify the Gross Vehicle and Axle Weight Ratings
  a. Identify vehicle height and width
_____ 6. Perform the Cab tilt procedure.
_____ 7. Complete a Pre-Trip Inspection
  a. Identify all fluid check points and engine components.
_____ 8. Demonstrate start-up procedures for vehicle.
_____ 9. Demonstrate proper set-up procedure for platform operations.
  a. Identify all controls
  b. Stabilizer deployment
  c. Leveling the truck without leveling assist
  d. Transfer power to bucket
  e. Identify all “Safety Warning” labels and decals
_____ 10. Demonstrate proper procedure for stowing aerial platform
_____ 11. Identify locations and explain the operation of manual overrides:
  a. Emergency Stop Button
  b. Manual stabilizer control valves
  c. Platform manual control valves
  d. Emergency Power Unit
  e. Proper operation of manual override at rear control module

f. Ladder lowering override at aerial manual controls
g. Front axle interlock; operational limitations when front tire(s) are off the ground.

_____ 12. Explain trouble shooting procedures for:
a. Cab E-Stop indicator light stays on
b. Stabilizer switches do operate the stabilizers
c. Aerial controls are not activating functions
d. Aerial will not rotate
e. Ladder will not lower into the boom support
f. Hydraulic Emergency Power Unit (EPU) not working
g. PTO does not engage after reset of E-Stop
h. Operator in the platform activates the E-Stop and is unable to reset

_____ 13. Identify and explain the Command Zone functions at the control pedestal.
a. Main aerial screen
b. Aerial reach screen
c. Aerial level screen
d. Hydraulic system screen

_____ 14. Identify maximum weight load for bucket operations:
a. Waterway dry and 50MPH wind condition
b. Waterway charged and a 50 MPH wind condition
c. Operating with an ice accumulation

_____ 15. Aerial Operations
a. Identify the aerial reach and platform payload
b. Identify the GPM rating for water tower operations

_____ 16. Identify and explain function of pedestal controls:
a. Emergency Stop Button
b. Emergency Hydraulic Power Switch
c. Elevation Control Lever
d. Rotation Control Lever
e. Extension Control Lever
f. Aerial Speed Switch
g. Intercom

_____ 17. Identify and explain function of platform controls:
a. Nozzle pattern control switch
b. Nozzle left/right control switch
c. Nozzle raise/lower control switch
d. Aerial speed switch
e. 120 volt receptacle
f. Extension control lever
g. Rotation control lever
h. Intercom
i. Elevation control lever
j. Emergency Stop Button
k. Breathing air coupling

l. Perform set-up procedures for life ladder, stokes basket and rappelling bracket.

Practical Skills

Date Completed

_____ 1. Demonstrate proficiency driving cone course exercises:
- a. Straight line/diminishing clearance
- b. Alley dock
- c. Serpentine
- d. Left/right turn

_____ 2. Demonstrate proficiency driving 8 hours of road driving for non-mid-ship drivers. Demonstrate proficiency driving on 10 mile road course for current mid-ship drivers.
- a. Day driving on designated road course
- b. Night driving on designated road course

_____ 3. Demonstrate proficiency operating basket from platform controls
- a. Operate platform within 18 inches of building side to side and up and down
- b. Operation of remote nozzle controls

_____ 4. Demonstrate onboard generator operation